Business and Technology Courses Equipment List

1 multimedia computer with soundcard per student
Microsoft Office Suite per computer
1 laser printer per classroom
*1 computer desk/table per student
*1 ergonomically adjustable rolling chair per student
1 LCD projector per classroom
1 interactive White Board per classroom
1 television per classroom
1 DVD Player per classroom
1 headphone per student
*1 bookstand per student
*Media storage for each student
*Networked capabilities for classroom
*Email capabilities
*Internet connection for classroom
*Locking file cabinets
*Locking storage cabinets
*Stapler
*Heavy duty three-hole puncher
*Printer stand
*Podium
*Teacher workstation – desk, chair
*Teacher laptop
*Teacher LCD monitor – 17"
*Teacher docking station
*Classroom monitoring software
*Telephone for classroom
*External Speakers
*Surge protectors
*Paper cutter
*1 flash drive per teacher
*Workstation monitoring program system (SchoolView, ABTutor, LanSchools, etc.)

*Items indicated by an asterisk (*) are NOT allowable purchases using Perkins (federal) funds or
    State Equipment funds.

Accounting I & II
1 calculator per student
Accounting software per computer (Quickbooks, Peachtree, Automated Accounting, etc.)
Elmo Projector
*Electric pencil sharpener

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    State Equipment funds.

Administrative Support
1 postage meter per classroom
1 additional printer per classroom w/duplex capabilities (color)
Telephone training set
1 folding machine per classroom
1 binding machine per classroom
2 microcassette recorders
1 fax machine per classroom
1 copier per classroom
1 printer dedicated to envelopes

Computer Applications
Computer assisted instructional software for each computer

Computer Service Technology 1, 2, 3, & 4
*Computer Desk (one per workstation)
*Computer Chair (one per workstation)
Computer Workstation Personal Computer (one per student):
- Windows XP Service Pack 3
- VirtualPC or compatible
- Linux OS
- 2 GB of RAM
- Intel Pentium 4 Processor (1.5 GHz or higher) or compatible
- 2 free PCI Slots
- 40GB of free hard drive space
- DVD drive
- Internet access
- MS Office (2003 or later)
- Antivirus Software
- Test Simulation software

Classroom Requirements:
- *Access point capable of 802.11b/g/n.
- *Ethernet switches, each capable of 100Base-TX transmission or higher
- *4 or more Cat 5e or higher straight-through patch cables that are at least 3 feet long.
- LCD Projector
- Interactive White Board

*Server Rack (with wheels)
Server Computer (one per classroom)
- MS Server 2003 or higher
- 4 GB of RAM
- Intel Pentium 4CPU (2.0 GHz or faster) or compatible
- 2 installed network interface cards
- 40 GB of free hard drive space.

*Workbench (one for each student or large enough for two students)
*Workbench Stools (one per student, chairs may be substituted)
Workbench Tools (for each workbench):
- Motherboard(s)-should have as many configurations of technology as possible (form factors, CPU type, RAM type, expansion slots, ports), includes appropriate cables as needed

- RAM (SDRAM, DDR, DDR2)
- Hard drives (EIDE, SATA, external) with cables
- Floppy drive with ribbon cable
- CD/DVD drive with cables
- AT Power supply with cable (optional)
- ATX Power Supply with cable
- Power Supply tester
- Monitor (analog or LCD)
- USB keyboard and/or mini-DIN-6 keyboard
- PS/2 mouse and/or USB mouse
- AGP Video Adaptor
- PCI-Express Video Adaptor with DVI connectors
- PCI Sound Card
- PCI 100/1000BaseT NIC
- PCI 802.11x NIC
- Antistatic wrist strap and mat
- Computer Service Tool Kit
- Utility knife
- 30 ft Cat 5e or higher cable
- RJ45 modular connectors
- RJ45 jacks
- Wire strippers
- RJ45 crimping tool
- Windows 2000 with Service Pack 4
- Windows XP Professional Service Pack 3
- Windows Vista Service Pack 1 (optional)
- 110/66 punch down tool
- laptop with power supply
- Diagnostic software
- Internet access

Equipment/supplies/tools should reflect the textbook/lab manual adopted by the local school district.

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Digital Desktop Publishing
Adobe Creative Suite per computer
2 scanners per classroom
4 digital cameras per classroom
4 card readers per classroom
1 color laser printer with duplex capabilities per classroom
1 external hard drive
10 graphics tablets

Digital Input Technologies
Voice recognition software per computer
1 PDA per 2 students
4 digital cameras per classroom
2-4 scanners per classroom
1 headset w/microphone capabilities per student
10 graphic tablets per classroom
2 tablet pc's per classroom
Card reader

Digital Multimedia
Adobe Creative Suite per computer
4 USB microphones per classroom
2 digital video camcorders per classroom
4 digital cameras per classroom
2 scanners per classroom
4 card readers per classroom

Integrated Business Applications
1 additional printer per classroom (color)
2 scanners per classroom
2 digital cameras per classroom
*1 microphone system (portal) per classroom

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State Equipment funds.

IT Foundations
1 additional printer per classroom (color)

International Business and Marketing
World Map
Globe

Keyboarding
Timed writing software for each computer
Computer assisted instructional software for each computer
Keyboard skins (opaque)

Networking Systems 1, 2, 3 & 4
*Computer Desk/workbench (one per workstation)
*Computer Chair (one per workstation)
Computer Workstation Personal Computer (one per student):
- Windows XP Professional/Vista (optional) with current service packs
- 2 GB of RAM
- VirtualPC or equivalent
- Windows Server 2003 or higher
- SuSe/RedHat Linux Server Software

- Novell Netware 6.5
- Intel Pentium 4 Processor (1.5 GHz or higher) or compatible
- 2 free PCI Slots
- 40GB of free hard drive space
- DVD drive
- internet access
- MS Office (2003 or later)
- Antivirus Software
- Test Simulation software

Classroom Requirements:
- *Access point capable of 802.11b/g/n.
- *Ethernet switches, each capable of 100Base-TX transmission or higher
- *4 or more Cat 5e or higher straight-through patch cables that are at least 3 feet long.
- LCD Projector
- Interactive White Board

*Server Rack (with optional wheels)
Server Computer (one per classroom)
- MS Server 2003 or higher
- Novell Enterprise Server OS
- 4 GB of RAM
- Intel Pentium 4CPU (2.0 GHz or faster) or compatible
- 2 installed network interface cards
- 40 GB of free hard drive space.

Desk/Workbench Tools:
- Screwdrivers (flat and Phillips)
- Utility knife
- Network cable tester/analyzer
- Fiber optic splicer/kit (optional)
- 100 ft Cat 5e or higher cable
- RJ45 modular connectors
- RJ45 jacks
- Wire/cable strippers
- RJ45 crimping tool
- 110/66 punch down tool
- laptop with power supply and wireless card
- Diagnostic software
- Internet access

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Programming
*1 flash drive per student
Programming software per computer

PROFESSIONAL AND LEADERSHIP DEVELOPMENT

Simulated Conference Room
1 computer desk/table per student
1 ergonomically adjustable rolling chair per student
1 LCD projector per classroom
1 interactive White Board per classroom
1 television per classroom
1 DVD Player per classroom
1 headphone per student
Media storage for each student
Networked capabilities for classroom
Email capabilities
Internet connection for classroom
Podium
External Speakers
Gavel

<u>Virtual Enterprises, International™</u>
<u>Virtual Enterprises 1, 2, 3, & 4</u>
One computer workstation per student networked in a LAN environment
Conference table with 8 chairs
Fax machine
Telephone system (one incoming line with an extension in each department)
*Internet connectivity
Color laser printer
Black and white laser printer
Digital camera
Computer (LCD) projection unit
Copy machine
Scanner
Filing cabinets
WebCam
Binding machine
Microsoft Office Suite (Word, Excel, Access, PowerPoint)
Microsoft Publisher
QuickBooks Pro (5-user pack with file sharing)
Adobe Dreamweaver CS3
Browser (Netscape, Internet Explorer)
*Retractable screen
DVD recorder
*Folding machine
*Wireless microphone
One headset with microphone per student
Partitions to separate departments
*One flash drive per student
*Heavy duty three-hole puncher
*Workstation monitoring program system (SchoolView, AB tutor, LanSchool, etc.)
*Paper cutter
*Laminating machine
*Bookcases
*Storage cabinets
*Presentation boards
*Trade Show booth
Portable digital screen
Desktop calculators
*Speaker conference phone
Video camera
*Display case
*Travel cases for trade fair booth and equipment
*Laptop computer (for teacher)
*Rolling carts

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        State Equipment funds.

<u>Web Design and Development 1 and 2</u>
Adobe Creative Suite per computer
2 scanners per classroom
4 digital cameras per classroom
4 card readers per classroom
1 external hard drive